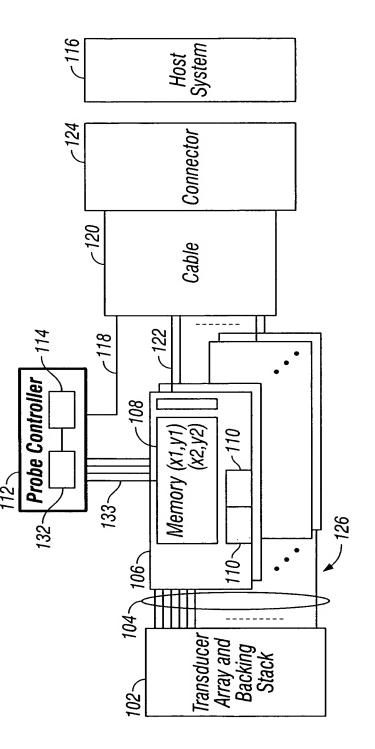
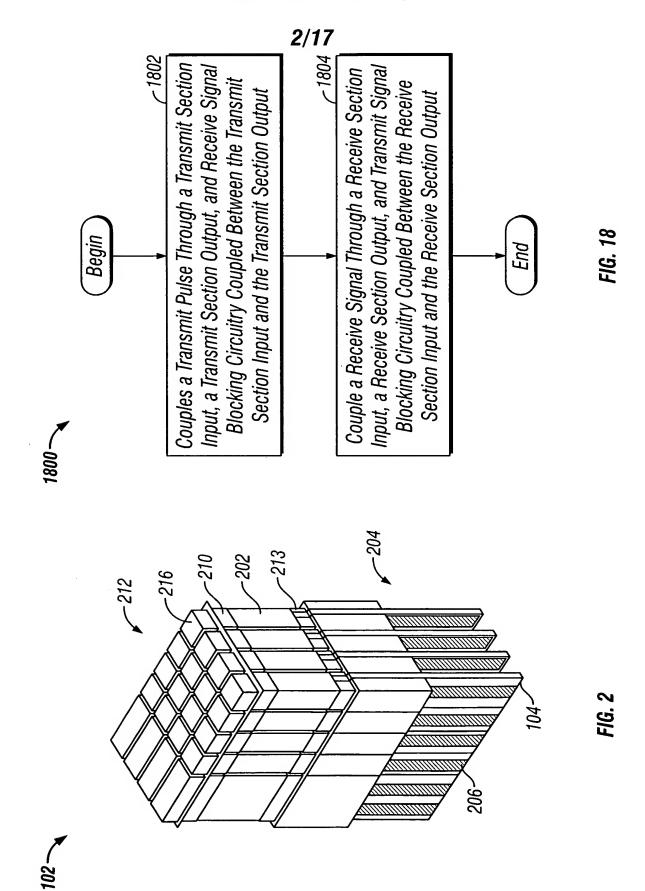


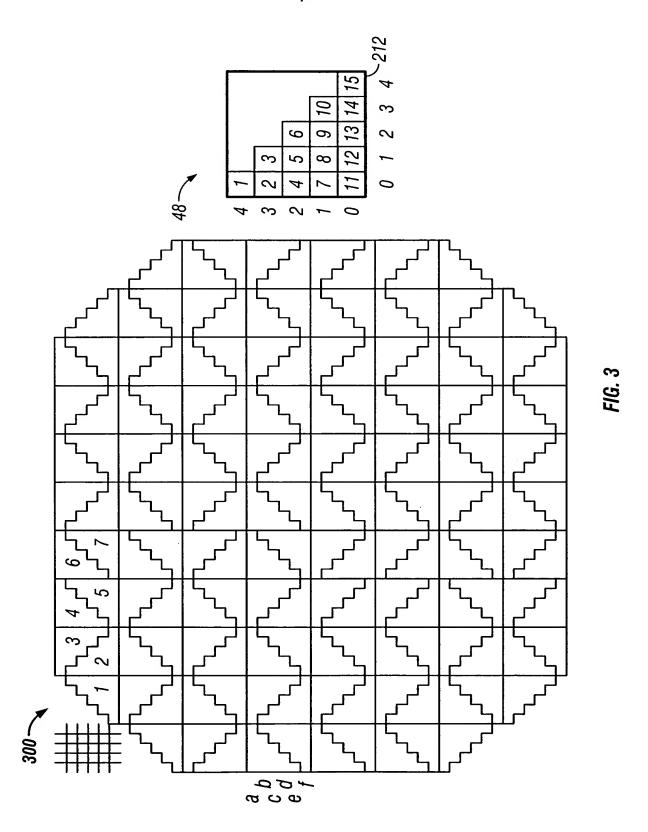
TITLE: Ultrasound Probe Transceiver Circuitry
INVENTORS: Kjell Kristoffersen, Geir Ultveit Haugen and Per Ame Linnerud

S/N: 10/719,431 DOCKET: 137682 (12553-01053)
ATTORNEY: Dean Small PHONE: (314) 621-5070
REPLACEMENT SHEET

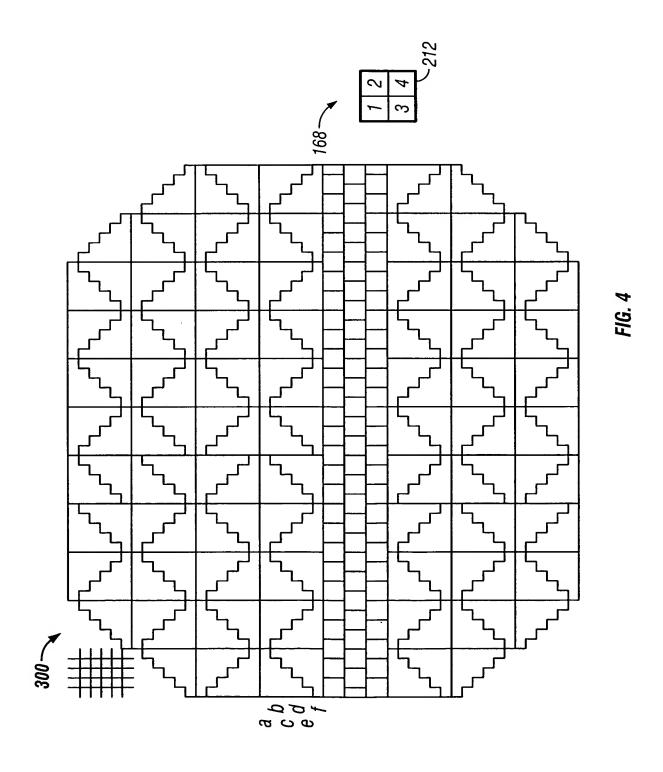




TITLE: Ultrasound Probe Transceiver Circuitry INVENTORS: Kjell Kristoffersen, Geir Ultveit Haugen and Per Arne Linnerud S/N: 10/719,431 DOCKET: 137682 (12553-01053)
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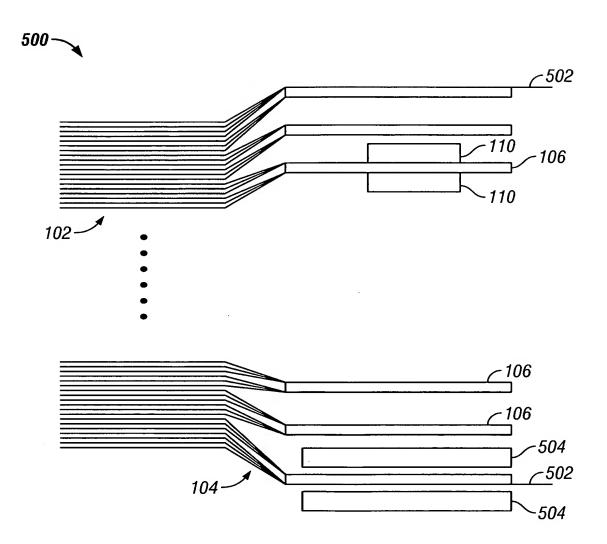


FIG. 5

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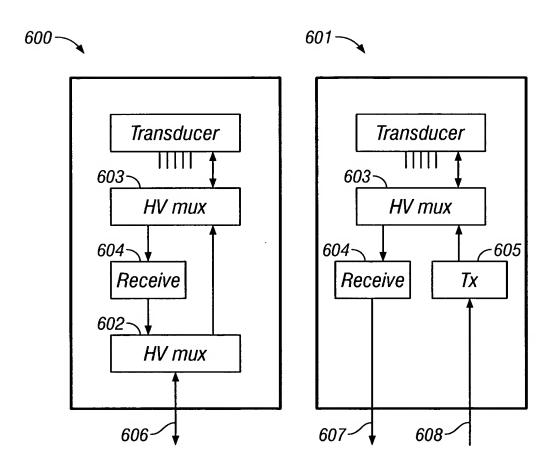
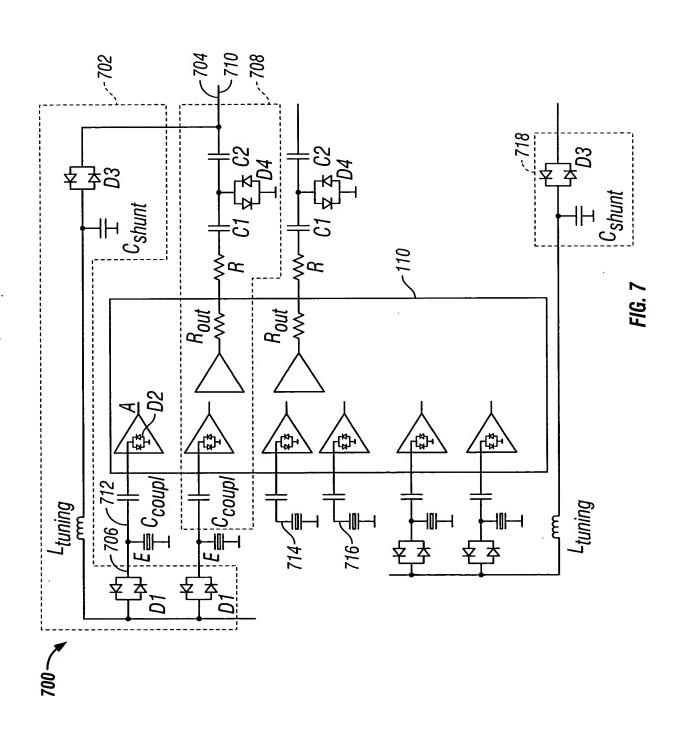


FIG. 6

TITLE: Ultrasound Probe Transceiver Circuitry
INVENTORS: Kjell Kristoffersen, Geir Ultveit Haugen and Per Arne Linnerud
S/N: 10/719,431 DOCKET: 137682 (12553-01053)

ATTORNEY: Dean Small PHONE: (314) 621-5070

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ATTORNEY: Dean Small PHONE: (314) 621-5070

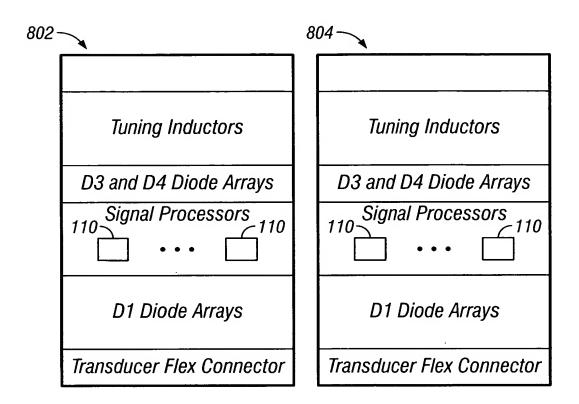


FIG. 8

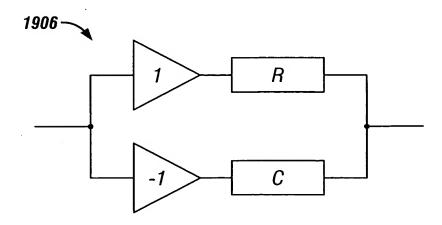


FIG. 11

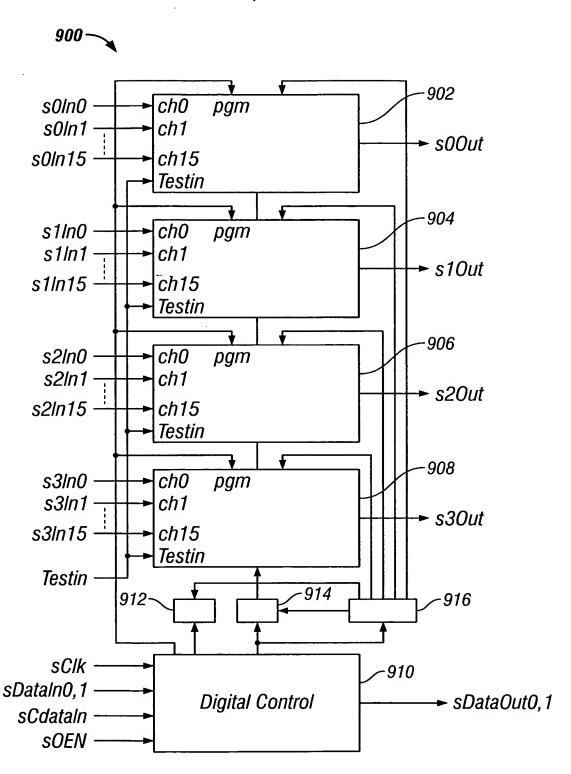
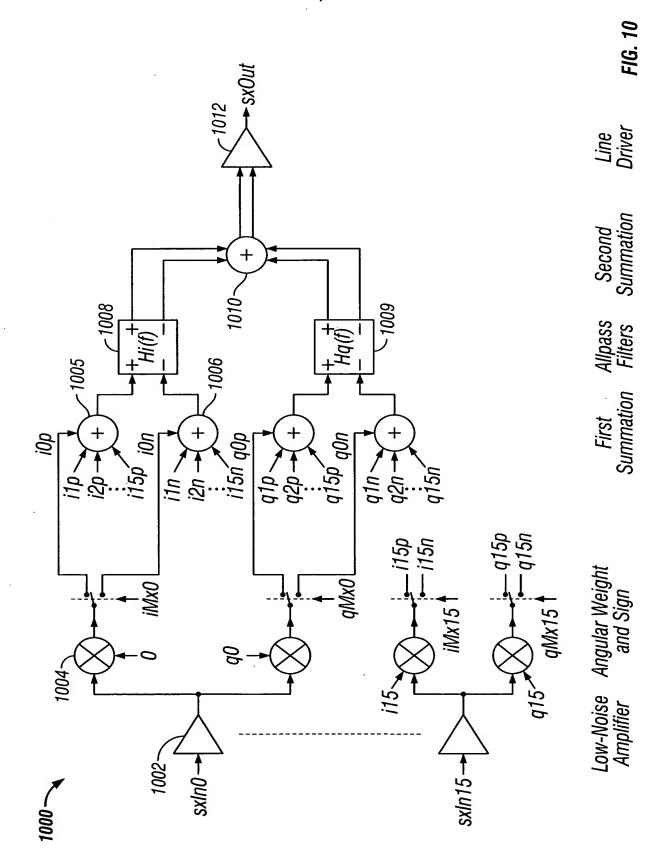
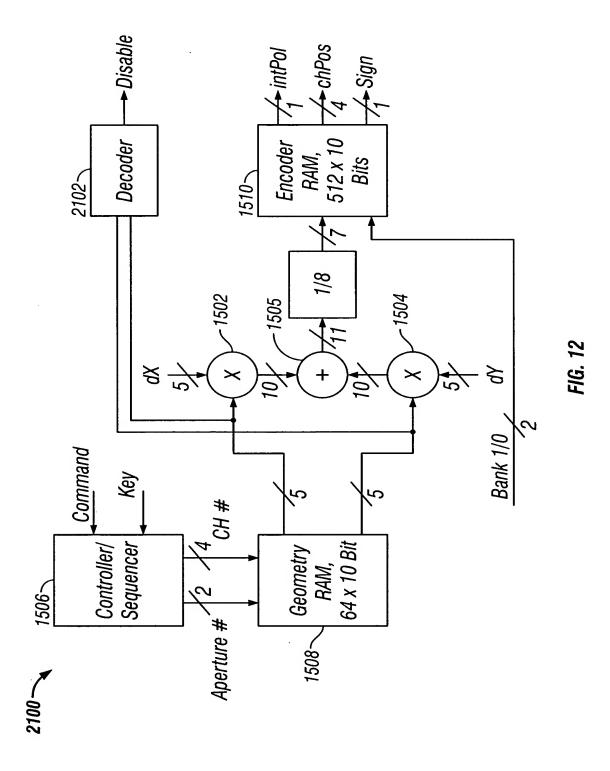


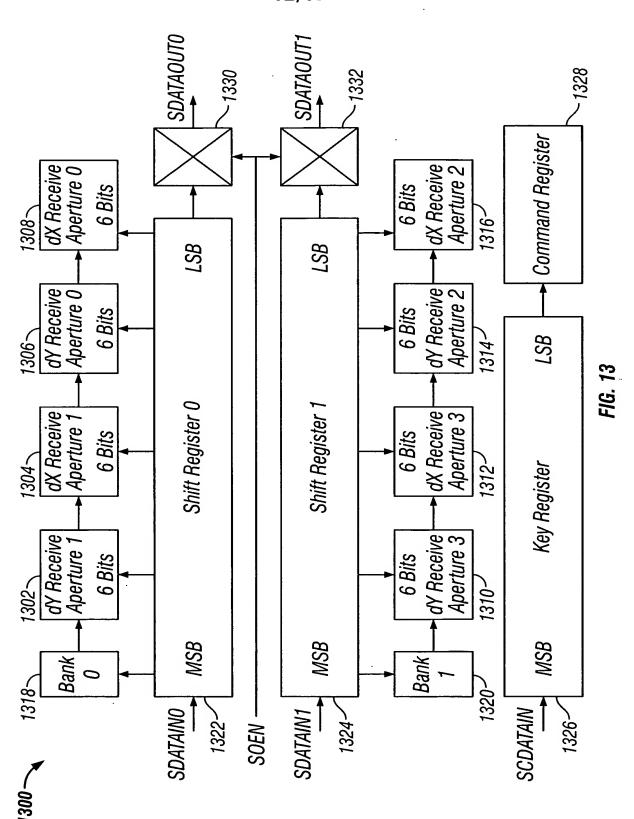
FIG. 9

ATTORNEY: Dean Small PHONE: (314) 621-5070

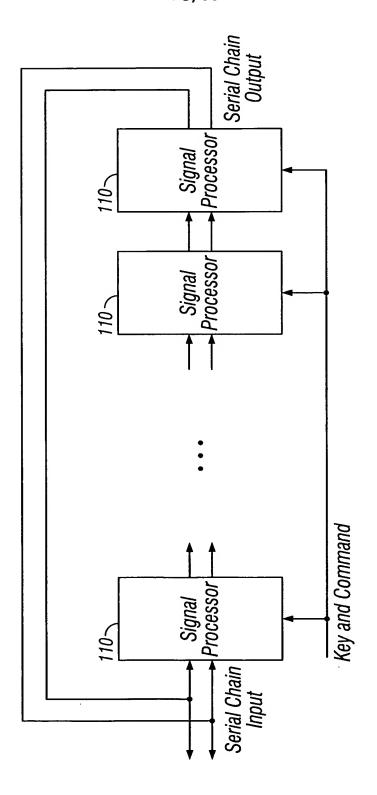


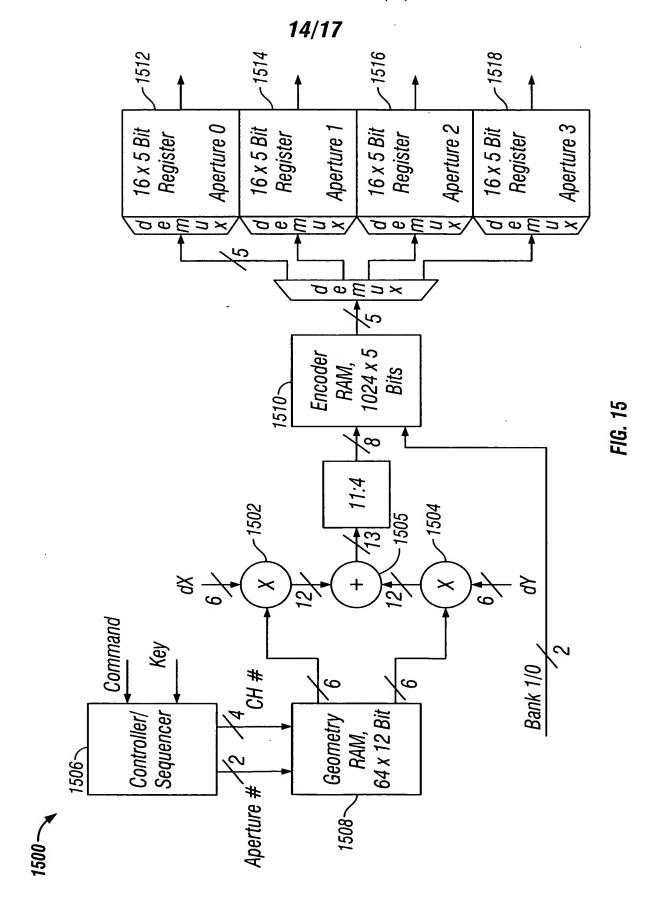
INVENTORS: Kjell Kristoffersen, Geir Ultveit Haugen and Per Arne Linnerud S/N: 10/719,431 DOCKET: 137682 (12553-01053)
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INVENTORS: Kjell Kristoffersen, Geir Ultveit Haugen and Per Ame Linnerud S/N: 10/719,431 DOCKET: 137682 (12553-01053)
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1600-Begin -1602 Receive, at Signal Processors Distributed Over Processing Boards, Multiple Receive Signals from Acoustic Transducer Elements that Form Triangular Receive Apertures that are Not Partitioned Between Processing Boards -1604 Multiplex at Least One of the Acoustic Transducer Elements Between the Receive Aperture and a Square Transmit Aperture -1606 Drive a Receive Aperture Output with a Signal Obtained Over the Acoustic Transducer Elements in the Receive Aperture -1608 Couple Transmit Signals to Multiple Transmit Apertures Over Transmit Signal Connections Distributed Between Multiple Processing Boards that Do Not Partition the Transmit Apertures Between Processing Boards

FIG. 16

End

TITLE: Ultrasound Probe Transceiver Circuitry INVENTORS: Kjell Kristoffersen, Geir Ultveit Haugen and Per Ame Linnerud

S/N: 10/719,431 DOCKET: 137682 (12553-01053) ATTORNEY: Dean Small PHONE: (314) 621-5070

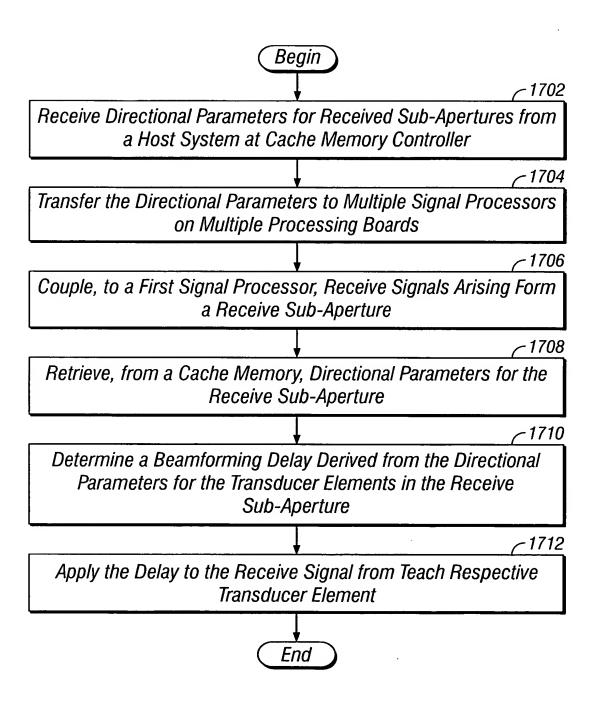


FIG. 17

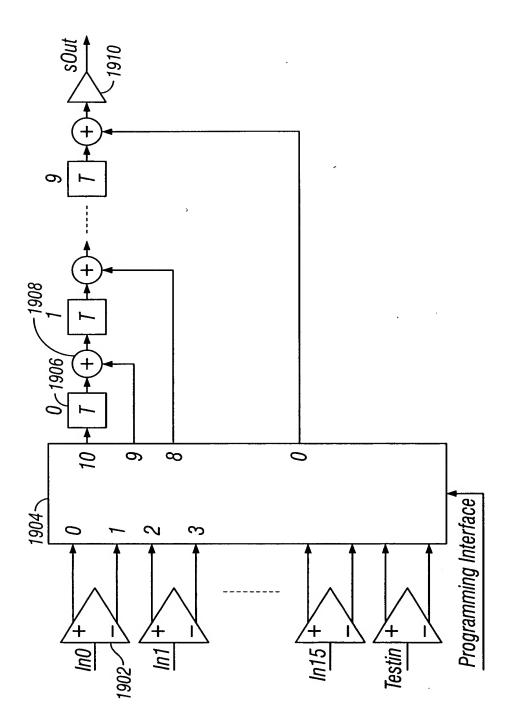


FIG. 19